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Civil Engineering

WATER CONSERVATION PROCEDURES

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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These conservation procedures and practices are to be followed during periods of excessive hot weather, drought, high water demands or when directed by the water utility provider. The demand for water can exceed the production capacity of Fort Bragg's Water Treatment Plant. The plant's current rated capacity is 10.3 million gallons per day (MGD) calculated from the ability to pump, filter, and distribute water. When the water usage exceeds this capacity, water must be conserved to meet the critical needs of Pope AFB, to keep the potable water system from being contaminated, and to furnish adequate water reserves for fire protection. As Pope AFB is supplied water by Fort Bragg, the governing regulation is XVIII Airborne Corps and Fort Bragg Regulation 420-46. In addition, fire hydrants will never be used for watering lawns or washing cars. The procedures described here apply to all users and customers of water supplied to Pope AFB.

1. Water Conservation Conditions:

- 1.1. GREEN CONDITION. Under GREEN condition, normal routine water conservation practices are followed. GREEN is in effect when water demand is within the plant's rated capacity of 10.3 million gallons per day.
- 1.2. AMBER CONDITION. Under AMBER condition, lawn watering, irrigation, and vehicle washing are restricted as given in Section 3. AMBER is in effect when the water demand exceeds the plant's rated capacity of 10.3 million gallons per day and not more than 14 million gallons per day.
- 1.3. RED CONDITION. Under RED condition, NO lawn watering, NO irrigation, and NO vehicle washing is permitted. RED is in effect when the raw water supply source is inadequate (low flow, contamination, etc), or demand exceeds 14 million gallons per day or as warranted due to other unusual circumstances.

2. Responsibilities:

The U.S. Army Fort Bragg Director of Public Works Business Center (PWBC) is responsible for the monitoring of the water demand trends, determining the water conservation conditions (as described above) and notifying the base of changes in the conservation conditions. The Housing Office will enforce conservation measures in base housing areas. Authority for enforcement is the Support Group Commander. Commanders are responsible for conservation practices and the conditions within their areas of responsibility. Commanders will report violations of the water conservation practices through the Support Group Commander.

3. Amber Condition Water Restrictions:

- 3.1. Pope Golf Course: Water only Monday, Wednesday and Friday between 2100 and 0300.
- 3.2. Pope AFB Housing: Watering of lawns and vehicle washing allowed for on odd-numbered houses Tuesday and Saturday and for even numbered houses Thursday and Sunday between 1800 and 2100.
- 3.3. The remainder of Pope AFB: Watering of lawn and vehicle washing allowed on Thursdays between 0800 and 1100.

WINFIELD W. SCOTT III, Brigadier General, USAF
Commander

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

XVII Airborne Corps

Fort Bragg Regulation 420-46

Abbreviations and Acronyms

AFB—Air Force Base

CES—Civil Engineering Squadron

CEOE—Maintenance Engineering

MGD—Millions Per Day

PWBC—Public Works Business Center

US—United States